



COS 52 FORWARDING LABEL PAYLOAD 50 20 (TO SWITCH FABRIC 22) EGRESS FLOW ID EGRESS FLOW ID COS INGRESS MEMORY 48 EGRESS FLOW ID PTR-INGRESS FLOW ID #2 PTR-INGRESS FLOW ID #1 PTR-INGRESS FLOW ID #N 46 FORWARDING LABEL INGRESS MEMORY HUB 18 TRAFFIC MANAGER CONTROLLER 09 INGRESS TRAFFIC MANAGER 16 42 42 42 54 47 PACKET PAYLOAD TRAFFIC MANAGER CONTROLLER 58 TOTAL TOTAL PACKETS LENGTH 45 INGRESS FLOW ID 56 43 40 SOURCE -PORT 14) INGRESS FLOW ID #1 INGRESS QUEUE INGRESS QUEUE N# #2 1,.

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FORWARD. LABEL FORWARD. LABEL 72 (DESTINATION PORT 30) INGRESS FLOW ID INGRESS FLOW ID PACKET 24 70 EGRESS MEMORY PTR-EGRESS FLOW ID #2 PTR-EGRESS FLOW ID #N PTR-EGRESS FLOW ID #1 HEADER 68 MEMORY HUB CONTROLLER 9 EGRESS TRAFFIC MANAGER 28 99 EGRESS MEMORY HUB 26 PAYLOAD 64 64 64 COS 55 EGRESS FLOW ID TRAFFIC MANAGER CONTROLLER TOTAL TOTAL PACKETS LENGTH 63 FORWARDING LABEL 09 J.P ٥. 61 62 FABRIC 22) (FROM SWITCH EGRESS QUEUE #N EGRESS QUEUE EGRESS QUEUE #1 #2

FORWARDING TABLE 22 78 SWITCH FABRIC FORWARDING LABEL ADDRESSABLE MEMORY CONTROLLER 10 EGRESS HUB 86 50 -99 24 EGRESS FLOW ID 48 PTR_EGRESS FLOW ID #1 20 MEMORY MEMORY PTR PTR-INGRESS FLOW ID #1 68 EGRESS 46 FORWARDING LABEL MEMORY HUB INGRESS 84 72 INGRESS MEMORY HUB 2 MEMORY HUB CONTROLLER INGRESS FLOW ID EGRESS EGRESS -28 TRAFFIC MANAGER 82 70 44 80 16 MULTICAST PACKET INGRESS TRAFFIC MANAGER DESTINATION PORTS CAM **PORT 14)** SOURCE 88 64

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(PACKET	A (UNICA	AST)			
	2	1	5	7	L	4
	PACKET B (UNICAST)					
FROM	2	2	5	1	L	6
#2	PACKET C (UNICAST)					
	2	1	5	7	2L	4
	SOURCE PORT #	INGRESS FLOW ID	FORWARD. LABEL	EGRESS FLOW ID	LENGTH	СО
·						
				ORDER QUEU		
			L TOTA			
		1	2	_		
			GRESS JEUE #1]	
		 		ORDER QUEU	•	
			L TOTA			
		2	3L			
			GRESS EUE #7			

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FIG.5A







